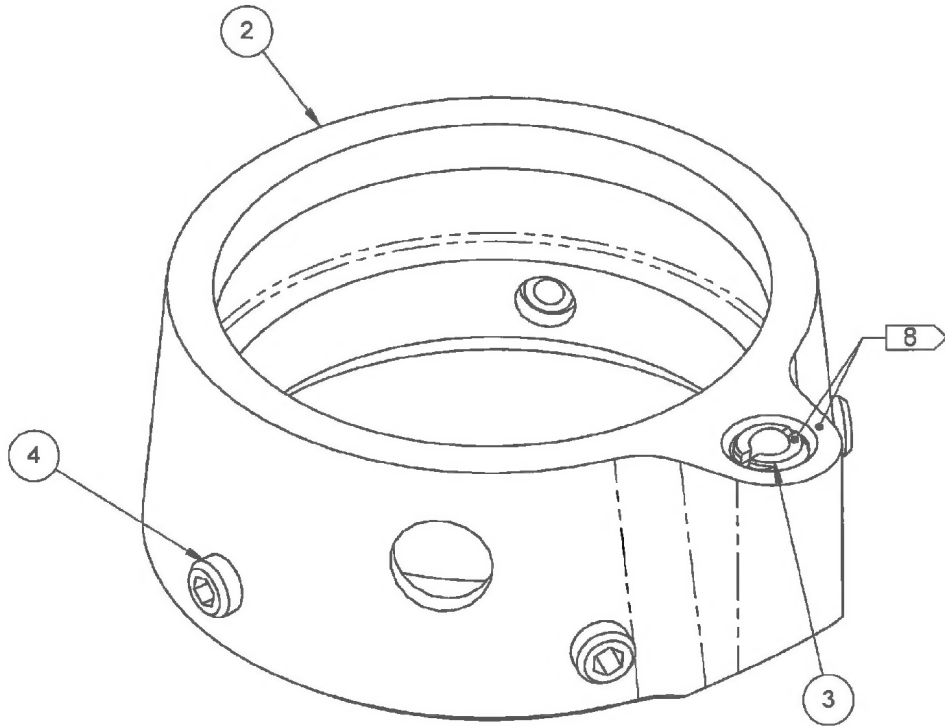


ITEM NO.	QTY. -041	PART NUMBER	DESCRIPTION
1	X	E4514-041	THROTTLE COLLAR ASSEMBLY
2	1	E4514-1	THROTTLE COLLAR
3	1	E4515-1	BALL PLUNGER
4	4	NAS1081-08D3	SET SCREW

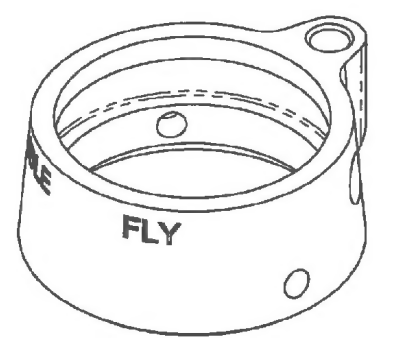
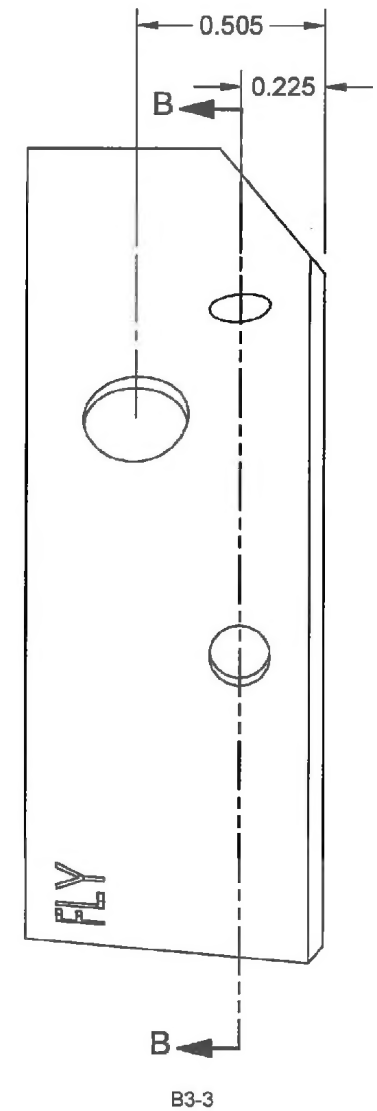
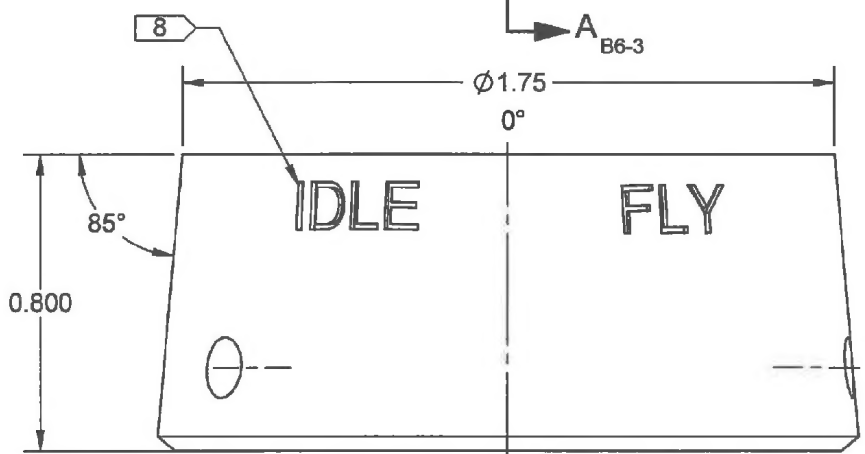
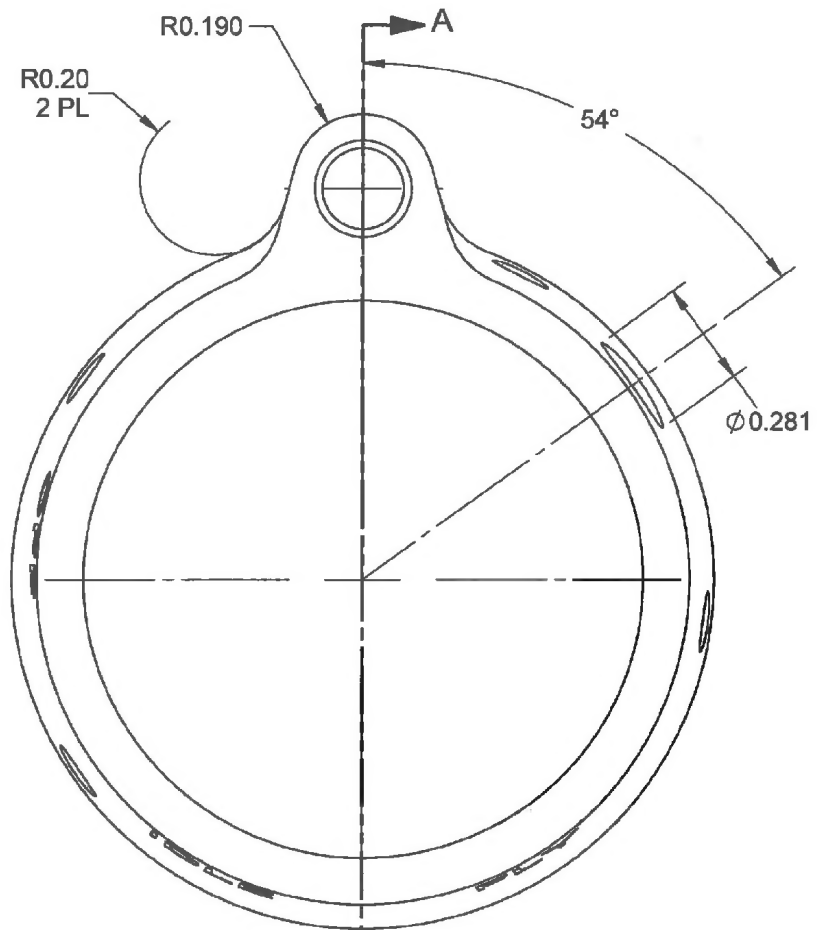


E4514-041 THROTTLE COLLAR ASSEMBLY

NOTES:







- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: 0.06 lbs
- 8) INSTALL BALL PLUNGER UNTIL THESE SURFACES ARE PARALLEL

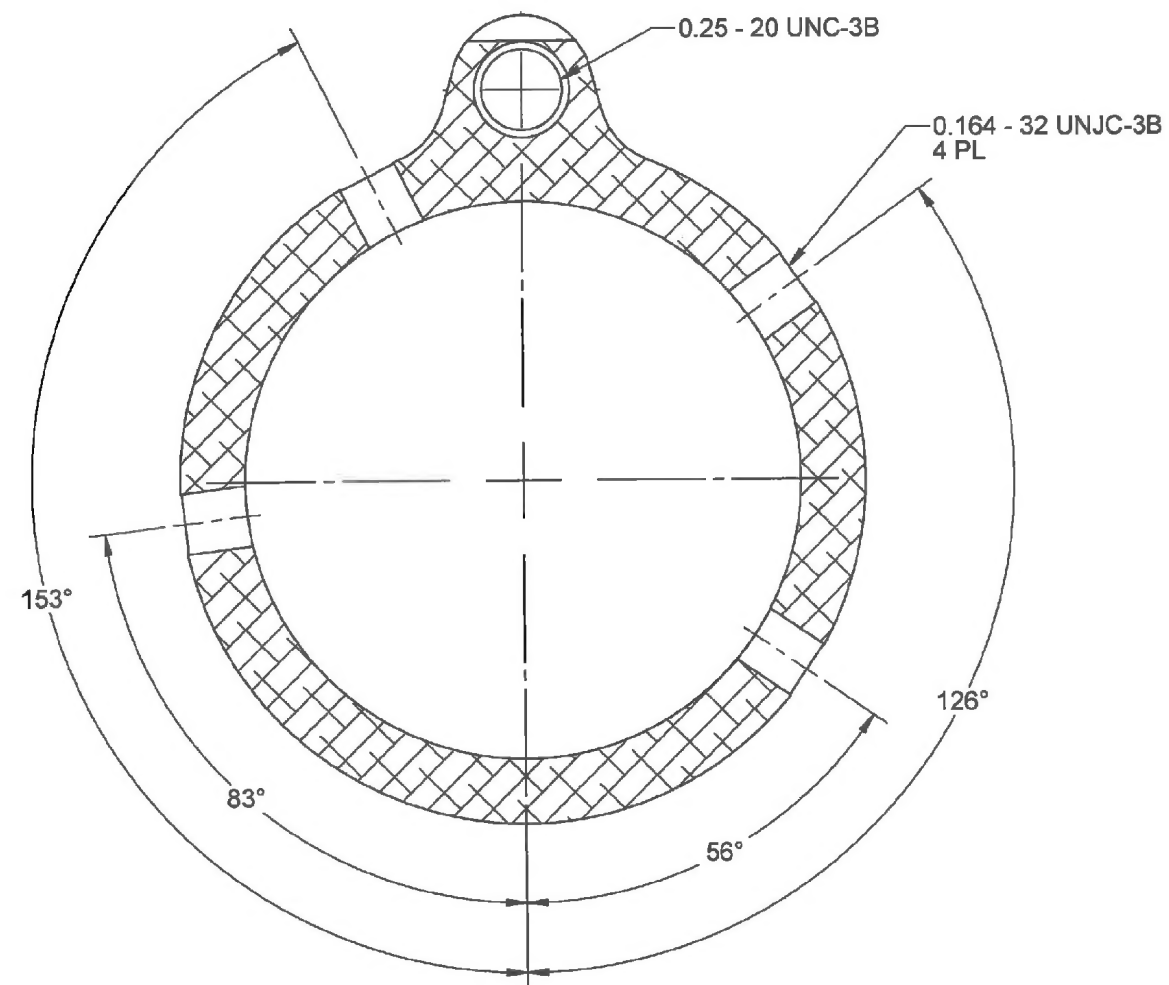
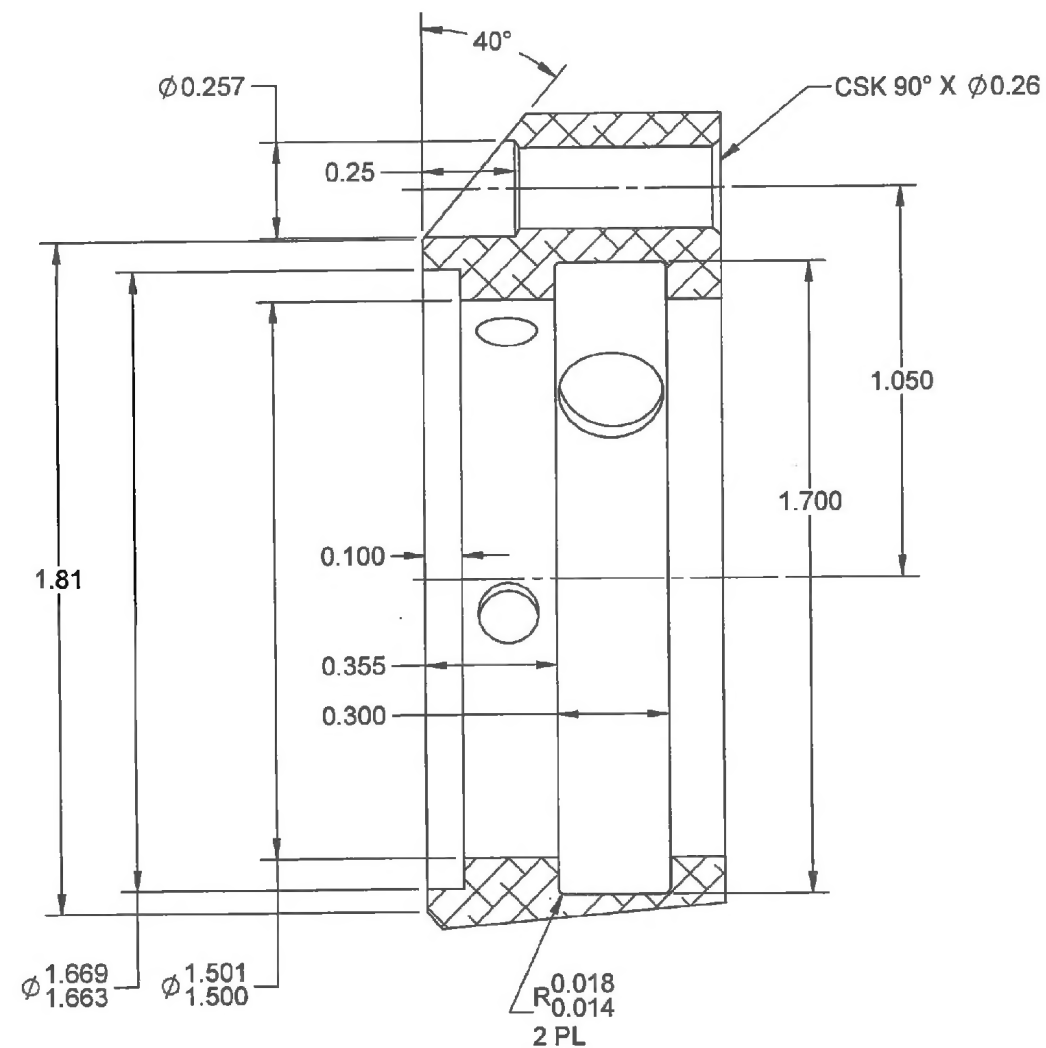
A	NEW ISSUE	BY	12.12.03
REV.	DESCRIPTION	BY	DATE
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CHECKED		DRAWING NO.	REV. A
MFG. APPR.		<b>E4514</b>	SHEET 1 OF 4
APPROVED		TITLE	SCALE
DE APPR.		<b>THROTTLE COLLAR</b>	NTS
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- NOTES:
- 1) MATERIAL: 7075-T6/T651/T6510/T6511/T62 ALUMINUM BAR, ROUND BAR OR PLATE  
REF DART SPEC M7075T6B OR M7075T6R OR M7075T6S  
OR  
6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR, ROUND BAR OR PLATE  
REF M6061T6B OR M6061T6R OR M6061T6R OR M6061T6S
  - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1  
FILL ENGRAVING WITH 2 COATS OF EPOXY PAINT, COLOR BLACK  
APPLY 2 COATS OF POLYURETHANE COATING, COLOR WHITE  
DO NOT PAINT INSIDE DIAMETER
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: N/A
  - 7) WEIGHT: 0.05 lbs
  - 8) SEE SHEET 4 FOR ENGRAVING DETAILS
  - 9) ALL ENGRAVING 0.020 DP X 0.050 WIDE

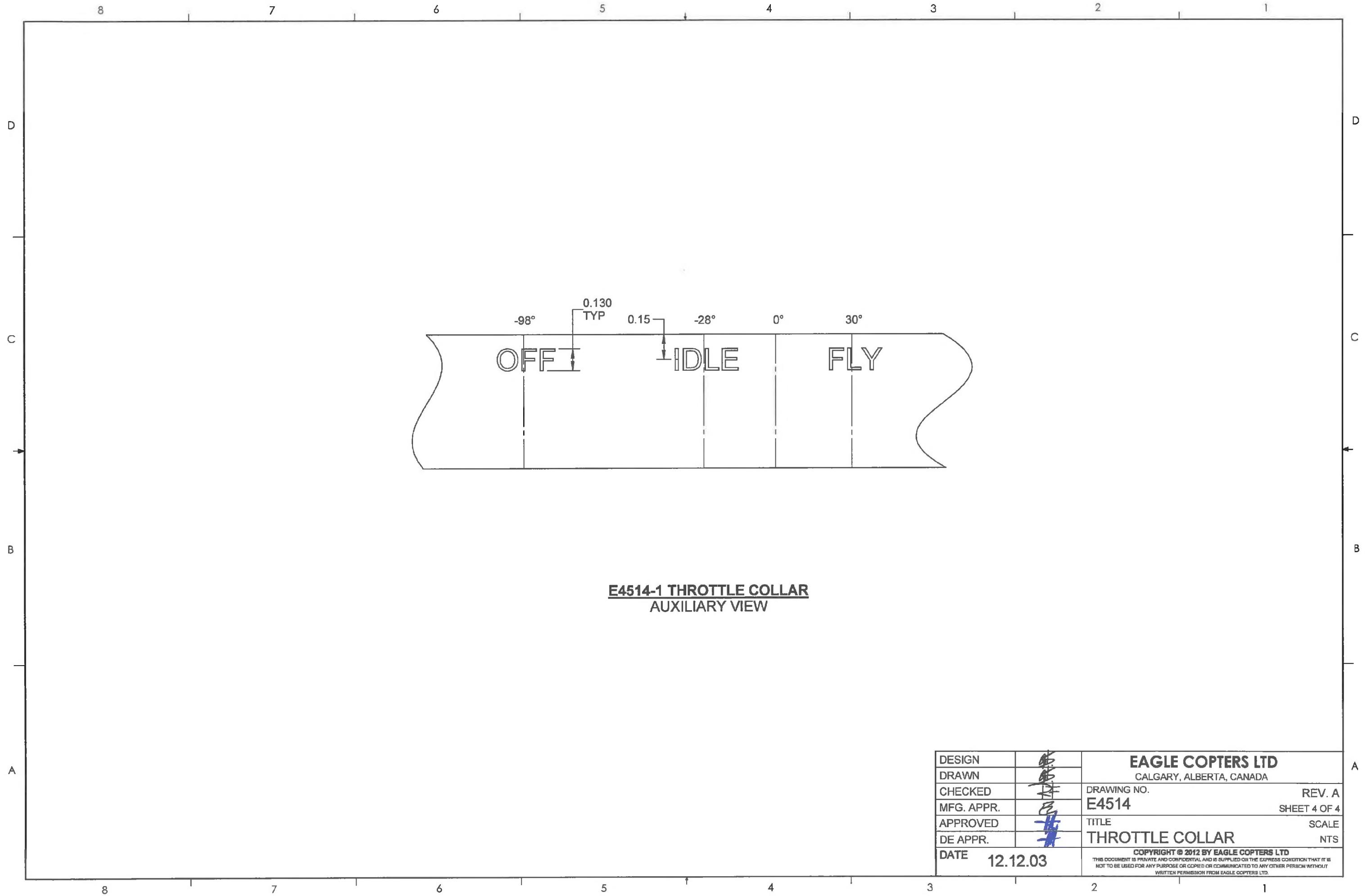
**E4514-1 THROTTLE COLLAR**

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**E4514-1 THROTTLE COLLAR**  
AUXILIARY VIEW

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**E4514-1 THROTTLE COLLAR**  
AUXILIARY VIEW

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MFG. APPR.		<b>E4514</b>	SHEET 4 OF 4
APPROVED		TITLE	SCALE
DE APPR.		<b>THROTTLE COLLAR</b>	NTS
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